

FIG. 1

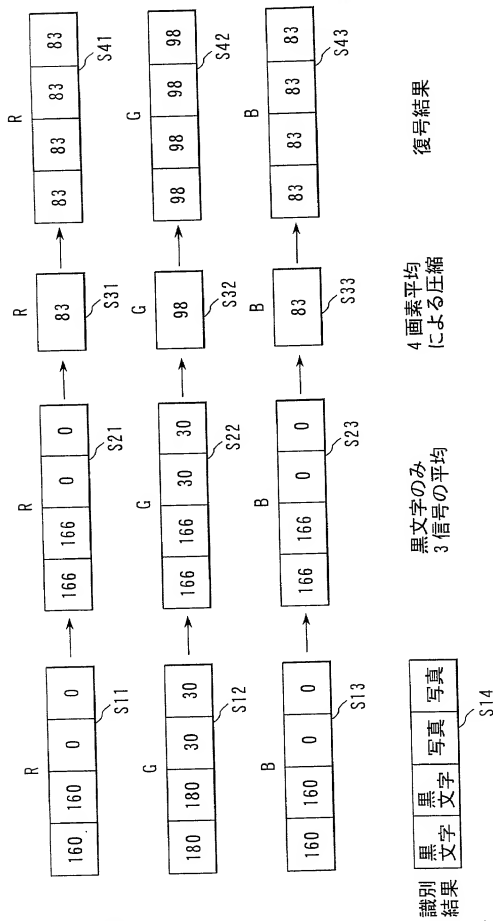


FIG. 2

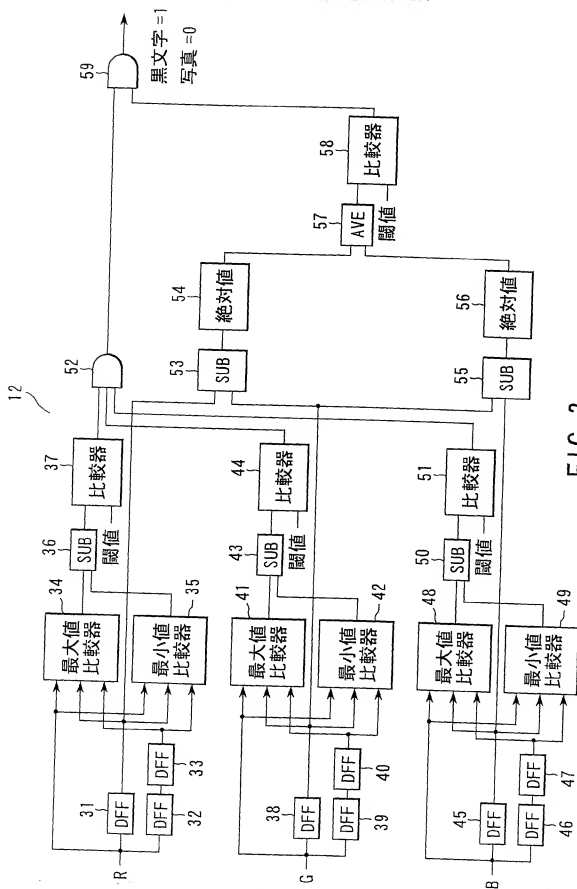


FIG. 3

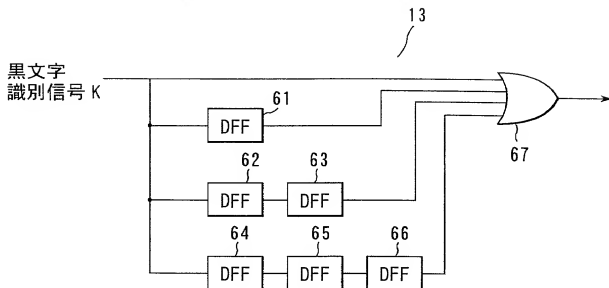


FIG. 4

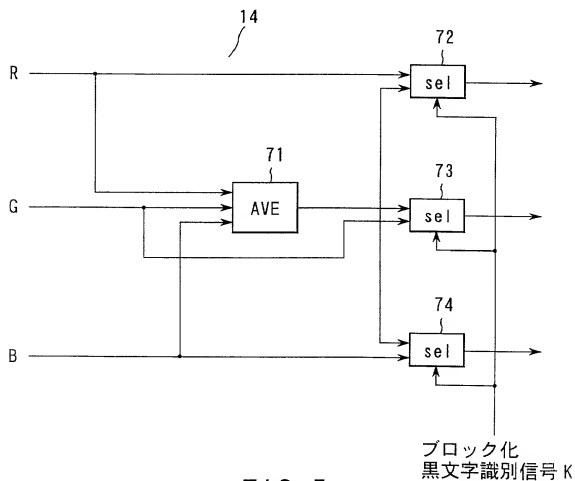


FIG. 5

Title: IMAGE COMPRESSION
DECODING APPARATUS AND
METHOD THEREOF

Inventor(s): Sunao TABATA et al.

Dkt. No.: 016907-1298

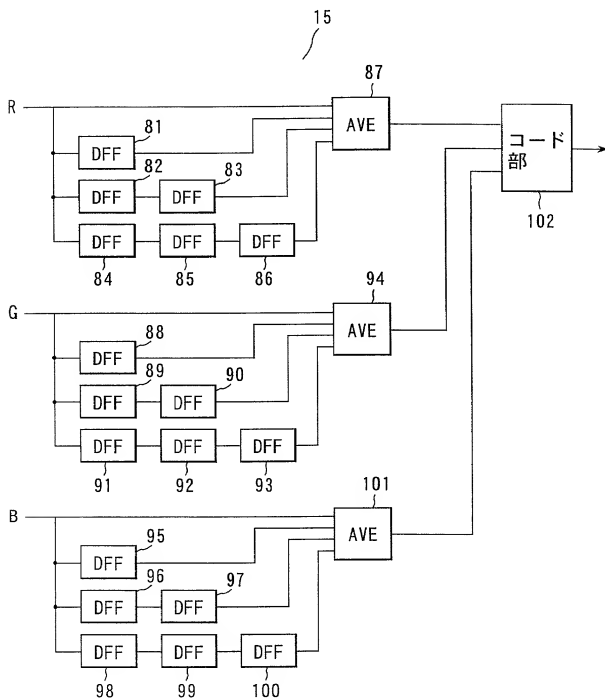


FIG. 6

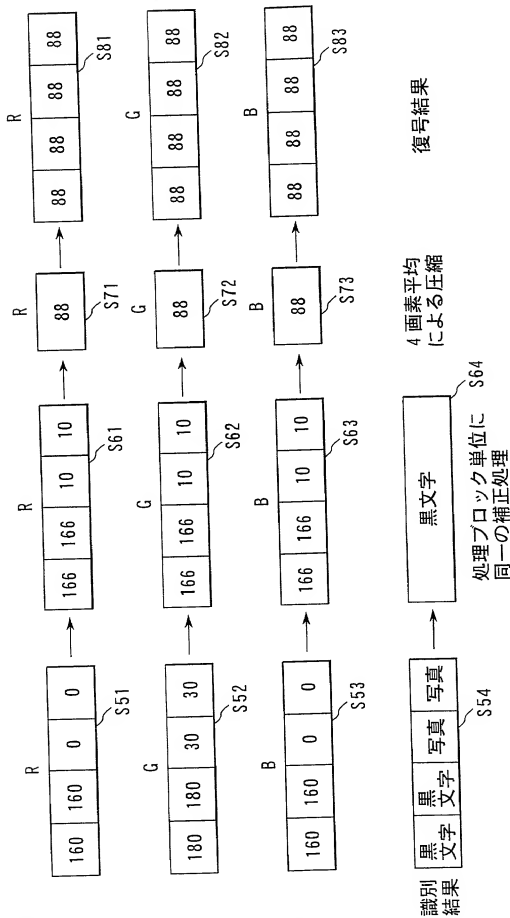


FIG. 7

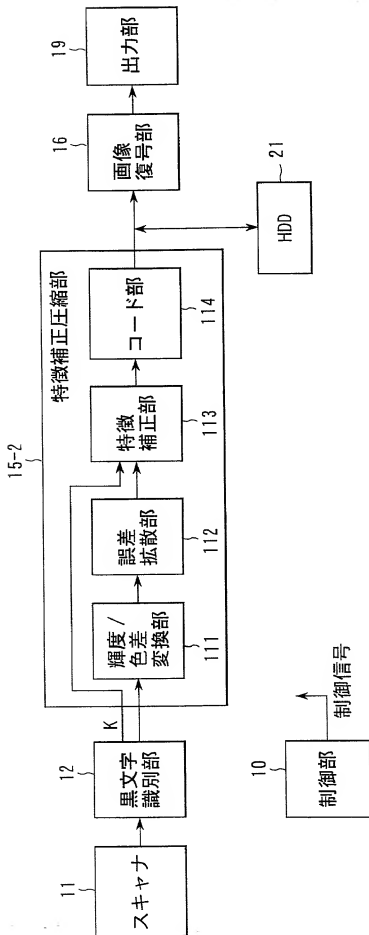


FIG. 8

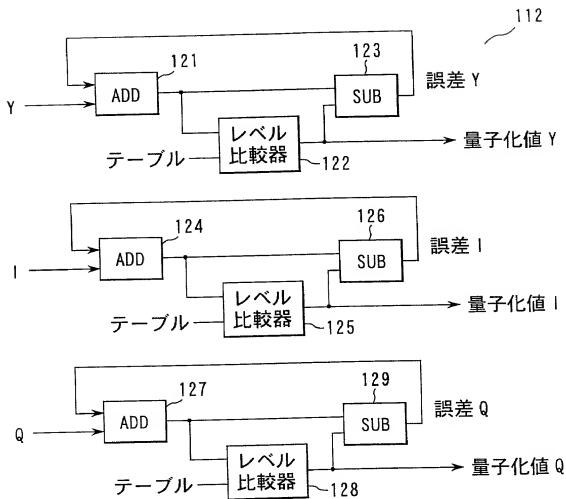


FIG. 9

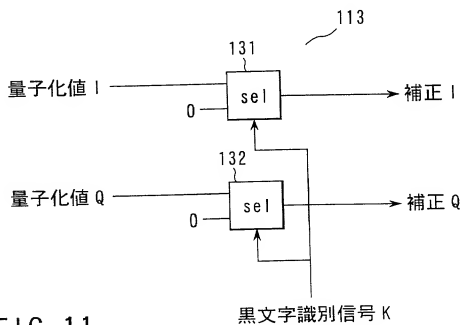


FIG. 11

FIG. 10A

輝度テーブル Y

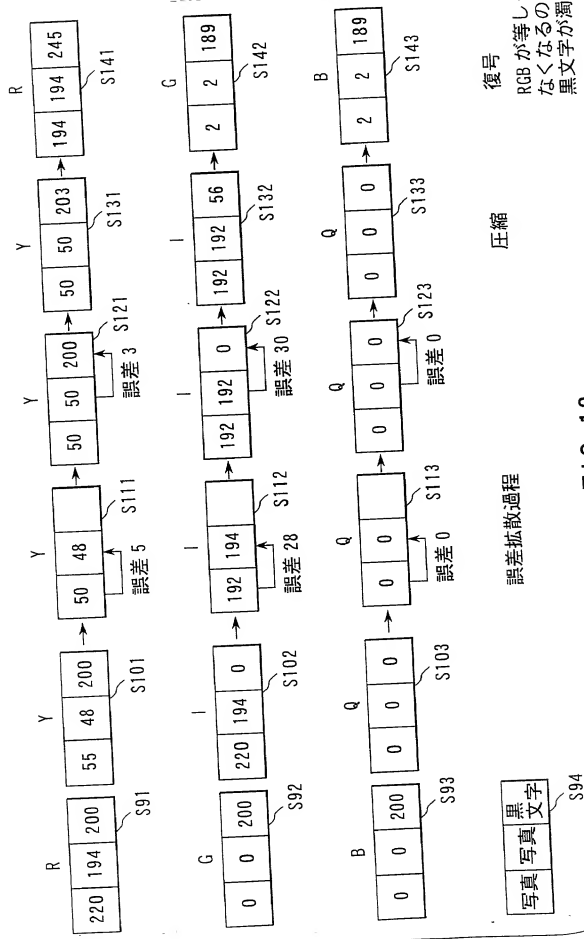
閾値	量子化値
$x < 8$	0
$8 \leq x < 25$	16
$25 \leq x < 42$	33
$42 \leq x < 59$	50
$59 \leq x < 76$	67
$76 \leq x < 93$	84
$93 \leq x < 110$	101
$110 \leq x < 127$	118
$127 \leq x < 144$	135
$144 \leq x < 161$	152
$161 \leq x < 178$	169
$178 \leq x < 195$	186
$195 \leq x < 212$	203
$212 \leq x < 229$	220
$229 \leq x < 246$	237
$246 \leq x$	255

FIG. 10A

色差テーブル IQ

閾値	量子化値
$x < -224$	-225
$-224 \leq x < -160$	-192
$-160 \leq x < -96$	-128
$-96 \leq x < -16$	-56
$-16 \leq x < 16$	0
$16 \leq x < 96$	56
$96 \leq x < 160$	128
$160 \leq x < 224$	192
$224 \leq x$	255

FIG. 10B



復号
RGBが等しく
なくなるので
黒文字が濁る

圧縮

誤差拡散過程

FIG. 12

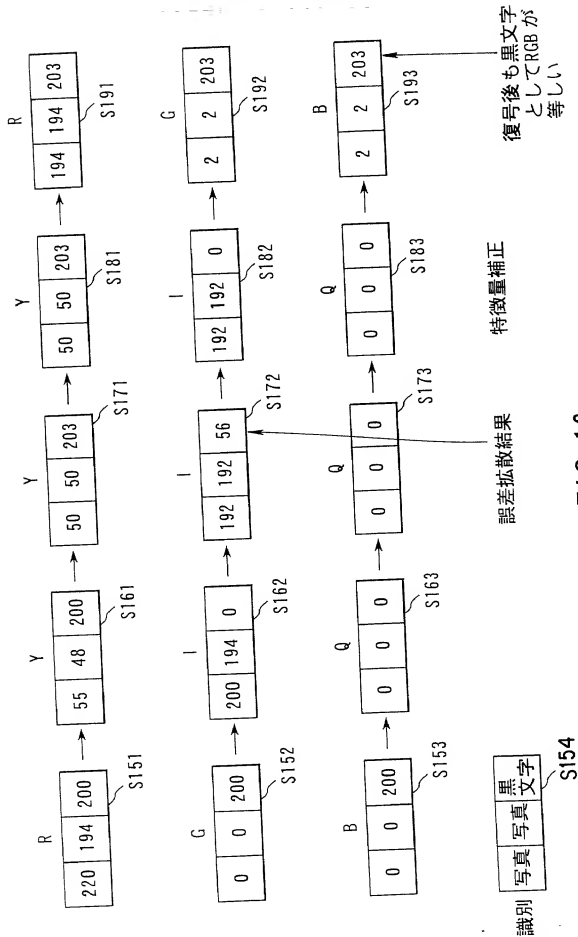


FIG. 13

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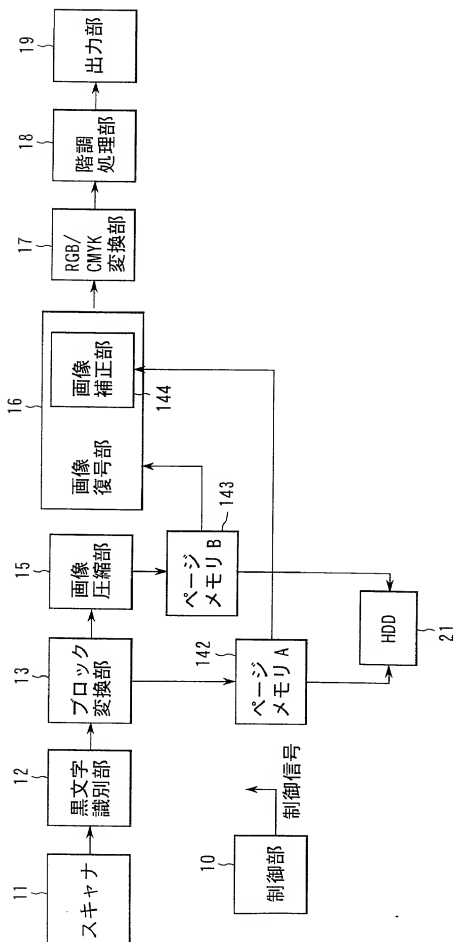


FIG. 15

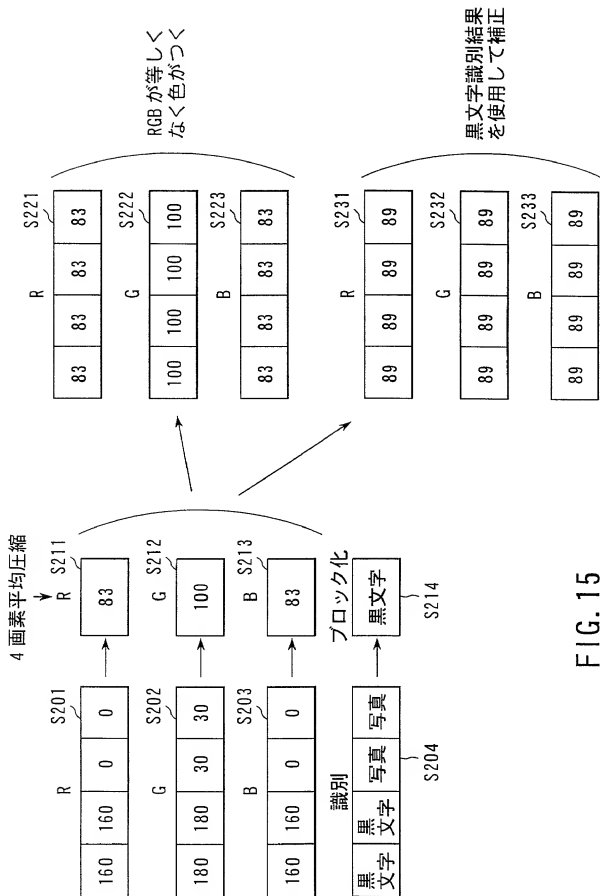


FIG. 15

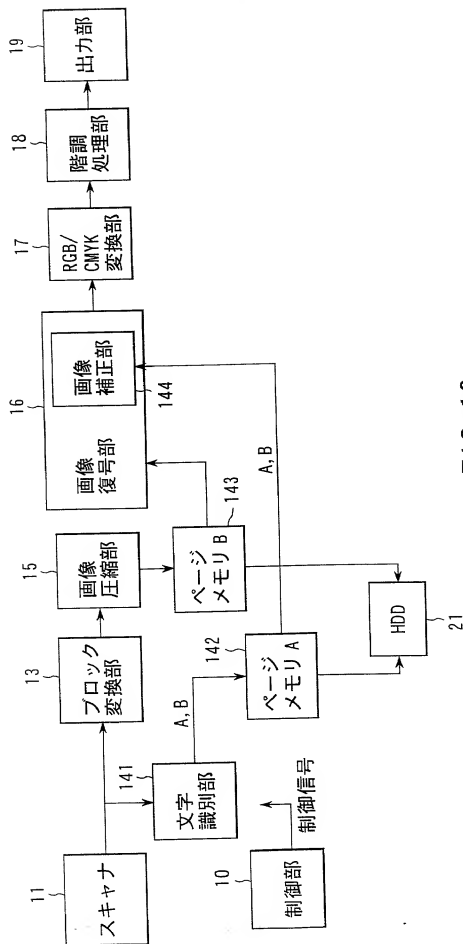


FIG. 16

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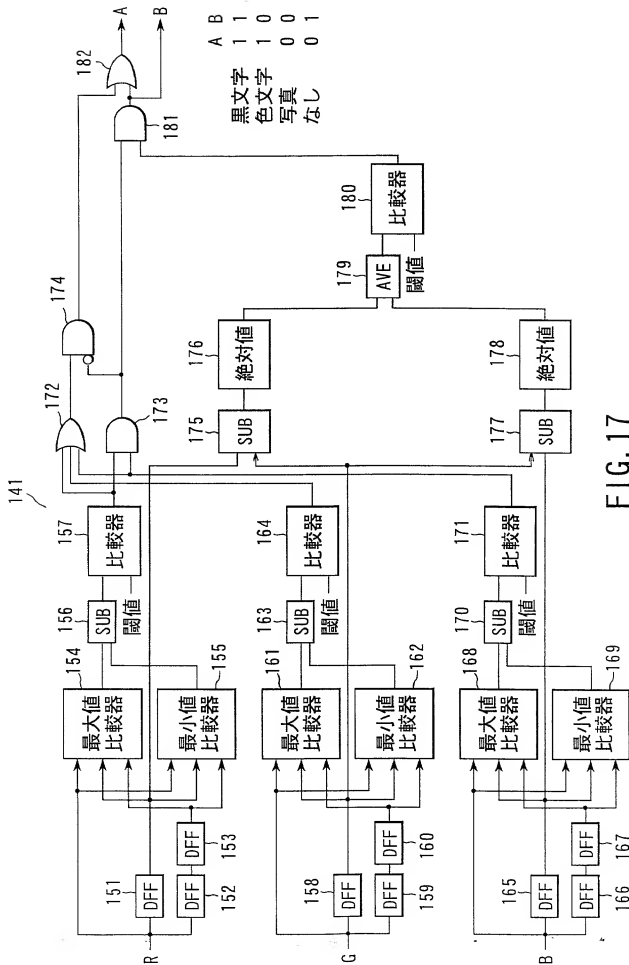


FIG. 17

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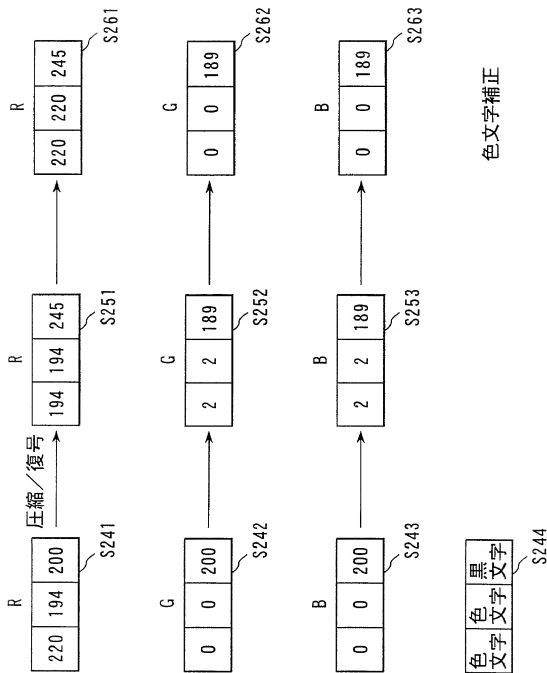


FIG. 18

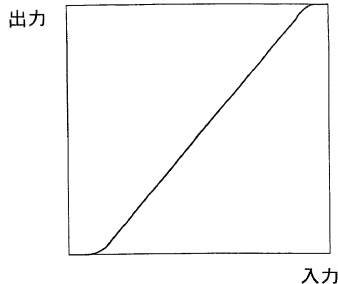


FIG. 19

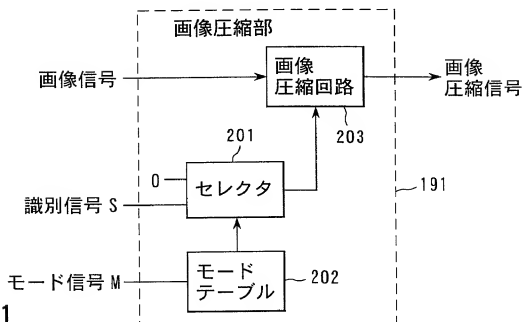


FIG. 21

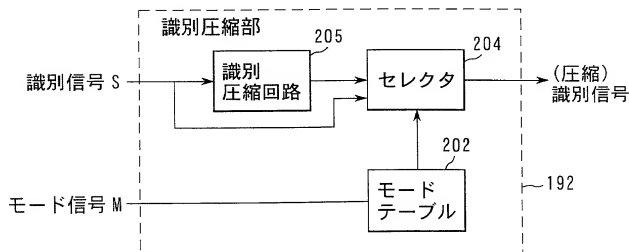


FIG. 22

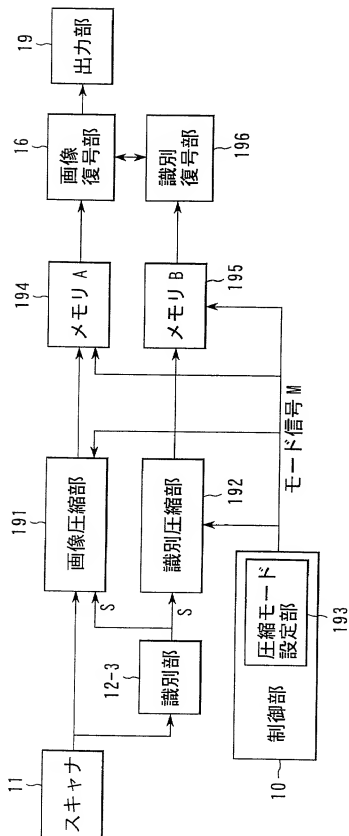
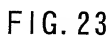


FIG. 20

FIG. 24

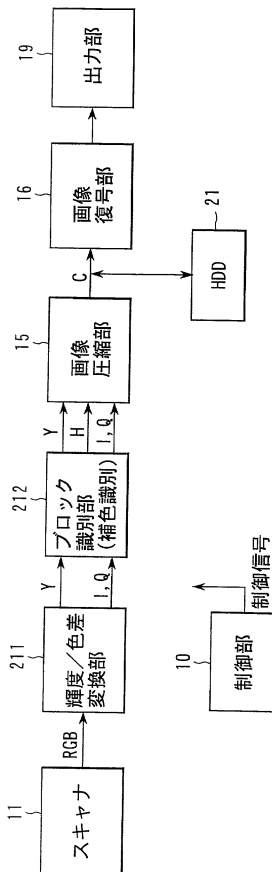


FIG. 25

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$$Y = \frac{R+2G+B}{4}$$

$$I = R - G$$

$$Q = G - B$$

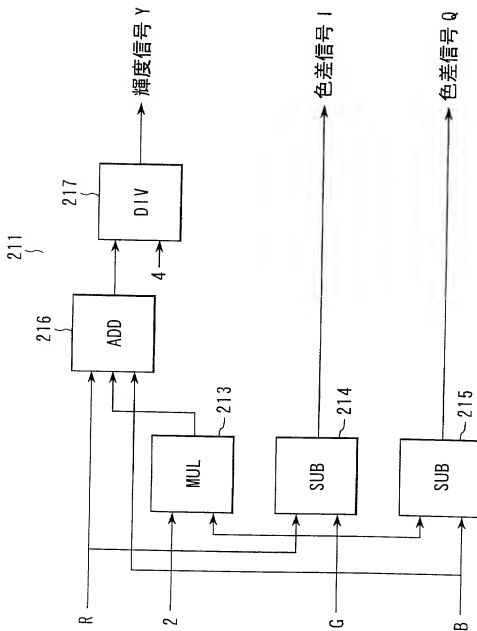


FIG. 26

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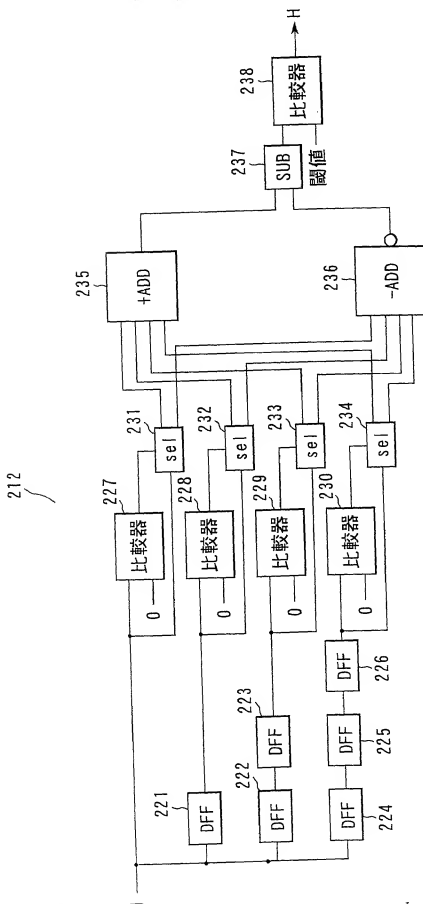


FIG. 28

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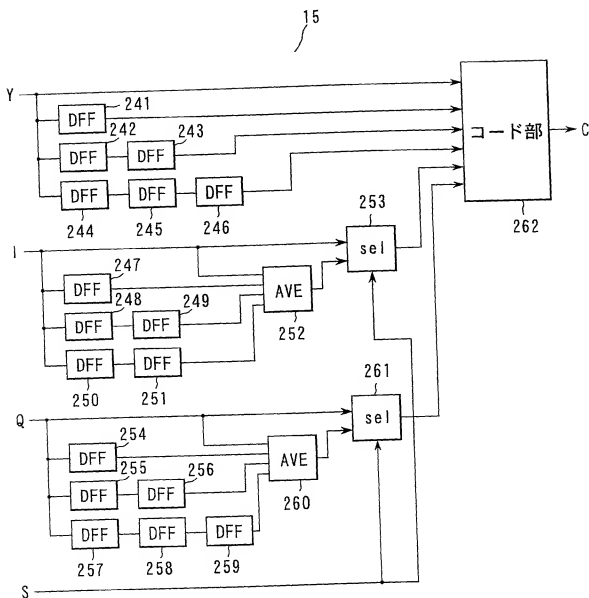


FIG. 29